

ABSTRACT OF THE DISCLOSURE

Disclosed are a moving-magnet type actuator capable of controlling voltage sensitivity and phase, an optical pick-up actuator equipped with a current feedback circuit for improving voltage sensitivity, and an optical pick-up device equipped with the current feedback circuit implemented by one chip. As the voltage sensitivity of a moving-magnet type actuator is improved and its phase is compensated, the operation performance of the optical pick-up actuator can be improved.